

Standards for Revised Primary Series Quadrangle Maps

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PREFACE

This product standard establishes the description of revised primary series topographic quadrangle maps, regardless of the production method.

The primary series includes 1:20,000-scale quadrangles of Puerto Rico, 1:24,000- or 1:25,000-scale quadrangles of the conterminous United States and Hawaii, and 1:63,360-scale quadrangles of Alaska.

In the past, the National Mapping Division (NMD) of the U.S. Geological Survey (USGS) used traditional methods to revise maps. These methods involved the use of manual scribing instruments and other cutting tools on specially coated map separates generated from analog stereoplotters.

In recent years, the revision of maps evolved to automated plotting methods of generating maps from revised digital line graphs (DLG's).

The NMD has developed a method for revising maps that uses a combination of raster graphic scanning and editing technology. This method involves preparing a raster scan of the map separates and making the appropriate additions and deletions, based on new collection sources.

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SUMMARY OF CHANGES

Change Notice 4/99

The style sheet "Alaska, USGS Topographic Quadrangles, USGS & USDA Forest Service Single Edition, 1:63,360-Scale" is added as Appendix 2-D.

Change Notice 7/98

The style sheet for USGS 7.5-minute topographic quadrangles is moved from the Technical Criteria for Digital Revision and Product Generation, 1:24,000-Scale Digital Line Graphs and Quadrangle Maps, Miscellaneous Instruction as Appendix 2-B and the positioning of the USGS visual identify, the bar code, and the lower right map title block are defined. The style sheet "USGS & USDA Forest Service Single Edition Topographic Quadrangles, 1:24,000- and 1:25,000-Scale" is added as Appendix 2-C.

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LIST OF PAGES

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